



February 21, 1991

5HS-11

John P. Imse, P.G.
Project Manager
ERM-North Central, Inc.
102 Wilmot Road
Suite 300
Deerfield, Illinois 60015

Re: Lenz Oil Site, Lemont, Illinois
Remedial Investigation/Feasibility Study (RI/FS)
Installation of new Monitoring Wells

Dear Mr. Imse:

Pursuant to Section IX of the Administrative Order by Consent for the Lenz Oil Site, the United States Environmental Protection Agency (U.S.EPA) and the Illinois Environmental Protection Agency (IEPA) are currently reviewing the Technical Memoranda I & II prepared by ERM-North Central, Inc. (ERM) for the Lenz Oil Site. However, in order to facilitate the installation of new monitoring wells, the review of all relevant portions of the Technical Memoranda relating to the results of the fracture analysis and the soil gas survey has been completed.

Based on the results of the fracture analysis, ERM has recommended no relocation of the monitoring wells. However, based on the results of the soil gas survey, ERM has concluded the presence of a contaminant plume in the south-easterly direction, and recommended the relocation of Monitoring wells MW-02, MW-03, & MW-06 to determine the southern and eastern extent of the plume.

ERM's recommendation in Technical Memorandum II to relocate MW-03 & MW-06 to determine the south-eastern extent of contamination is acceptable.

Based on IEPA's ground water flow measurements taken during June 4, 1991 and March 3, 1988, ground water flow at the Lenz Oil Site may also be in the north-easterly direction. Since no soil gas survey was conducted along the north-eastern portion of the Lenz Oil Site, Monitoring Wells MW-01 & MW-02 as originally proposed in the Work Plan serve the purpose of verifying the presence of any contaminant plume in this area. As such, relocation of MW-02 is inappropriate. Since ERM believes that the proposed new location to define the

eastern extent of the plume is critical, instead of relocating MW-02, a new monitoring well nest should be proposed at this location in this Phase.

If you have any questions in this regard, please do not hesitate to contact me.

Sincerely yours,

Nan Gowda, P.E.
Remedial Project Manager

cc: David Dollins, IEPA
Mark Furse, KMZ

✓ bcc: Melinda Gould, Chief, IL/IN Unit 1